

# Rajalakshmi Engineering College

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## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 2\_MCQ

Attempt : 1  
Total Mark : 15  
Marks Obtained : 15

#### Section 1 : MCQ

1. What will be the output for the following code snippet?

```
i = 0  
for i in range(10):  
    break  
print(i)
```

**Answer**

0

**Status :** Correct

**Marks :** 1/1

2. What will be the output of the following Python code?

```
i = 1
```

```
while False:
    if i%2 == 0:
        break
    print(i)
    i += 2
```

**Answer**

The code runs successfully but does not print anything

**Status :** Correct

**Marks :** 1/1

3. What will be the output of the following Python code?

```
i = 1
while True:
    if i % 2 == 0:
        i += 1
        continue
    if i > 10:
        break
    print(i)
    i += 2
```

**Answer**

1 3 5 7 9

**Status :** Correct

**Marks :** 1/1

4. Which keyword used in loops can skip the remaining statements for a particular iteration and start the next iteration?

**Answer**

continue

**Status :** Correct

**Marks :** 1/1

5. What will be the output of the following Python code?

```
i = 1
while True:
    if i % 2 == 0:
        i += 1
        continue
    if i > 10:
        break
    print(i, end = " ")
    i += 2
```

**Answer**

1 3 5 7 9

**Status :** Correct

**Marks :** 1/1

6. Which keyword is used to immediately terminate a loop?

**Answer**

break

**Status :** Correct

**Marks :** 1/1

7. What is the output of the following program?

```
i=1
while(i<3):
    j=0
    while(j<3):
        print(i%3,end=" ")
        j=j+1
    i=i+1
```

**Answer**

1 1 1 2 2 2

**Status :** Correct

**Marks :** 1/1

8. What will be the output of the following code?

```
i = 1
while True:
    if i%7 == 0:
        break
    print(i)
    i += 1
```

**Answer**

1 2 3 4 5 6

**Status :** Correct

**Marks :** 1/1

9. What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

**Answer**

Error

**Status :** Correct

**Marks :** 1/1

10. What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

**Answer**

1 2

**Status :** Correct

**Marks :** 1/1

11. What is the purpose of the pass statement in Python?

**Answer**

To do nothing and act as a placeholder.

**Status :** Correct

**Marks :** 1/1

12. What is the output of the following code?

```
for i in range(5):  
    if i == 5:  
        break  
    else:  
        print(i)  
else:  
    print("Here")
```

**Answer**

0 1 2 3 4 Here

**Status :** Correct

**Marks :** 1/1

13. What will be the output of the following Python code?

```
i = 5  
while True:  
    if i%0011 == 0:  
        break  
    print(i, end = " ")  
    i += 1
```

**Answer**

5 6 7 8

**Status :** Correct

**Marks :** 1/1

14. How many times will the inner for loop be executed in the below code?

```
i=0
while(True):
    for j in range(4,0,-2):
        print(i*j)
        print("")
        i=i+1
    if(i%2==0):
        break
```

**Answer**

02

**Status :** Correct

**Marks :** 1/1

15. When does the else statement written after the loop execute?

**Answer**

When loop condition becomes false

**Status :** Correct

**Marks :** 1/1